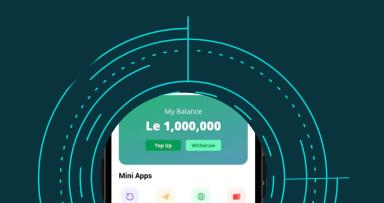


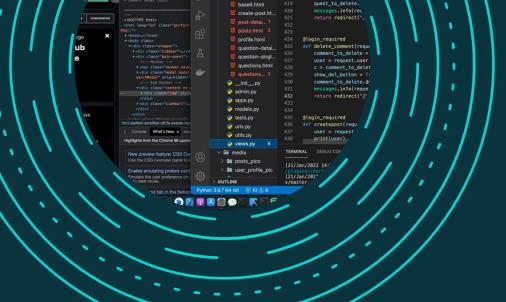
Content

- 1. Intro
- 2. HTML
- 3. CSS + Bootstrap
- 4. JavaScript
- 5. Git
- 6. Project









Dev Toos



Sublime Text



Sublime Text

The sophisticated text editor for code, markup and prose.

DOWNLOAD

Chrome



Browse fast on your iPhone and iPad with the love on desktop. Pick up where you left off on

3.7/5 *******

Age Rating: 17+

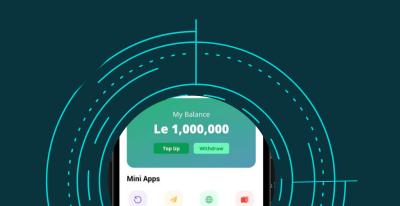
Developer: Google LLC

Size: 14

Categoi



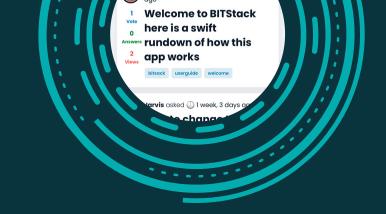
Other tools can also be used







Intro to



Web Programming

https://www.bit.edu.cn/ HTTP/HTTPS

Request/Response commands

GET

POST

• • •

HTTP Request

GET / HTTP/1.1

Host : www.example.com

• • •

HTTP Response

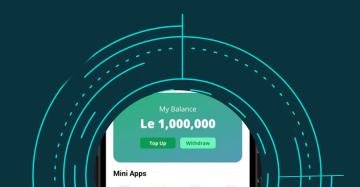
HTTP/1.1 200 ok

Content-type: text/html

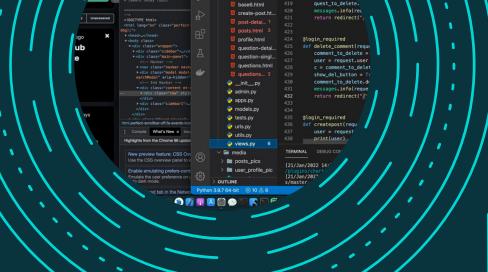
• • •



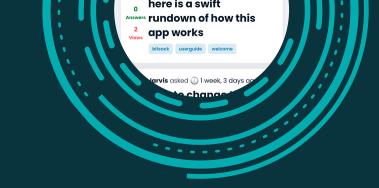
HTTP - Hypertext Transfer Protocol
HTTPS - Secured Hypertext Transfer Protocol







HTML



Common html tags

- •
- <h1>,<h2>...<h6>
- <a>
- <div>
-
- •
- <0l>,
- <form>

```
<!-- html code -->
<!DOCTYPE html>
<html lang="en">
   <head>
      <title>
         Hello
      </title>
   </head>
   <body>
      Hello, World!
   </body>
</html>
```

Opening Tag

```
Character Attribute value

<html lang="en">

Attribute

Name
```

Closing Tag

```
forward slash

</html>
left-angle right-angle
bracket bracket
```

```
Document
Object Model
(DOM)

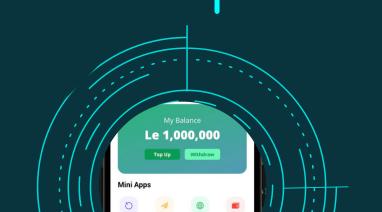
html

head
body

Hello, World!
```



HTML - Hypertext Markup Language
Keywords: Elements Attributes Tags









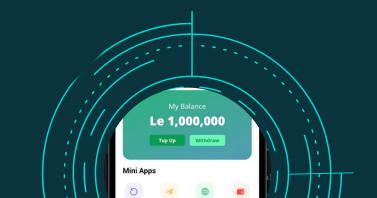
HTML

more HTML elements and examples

HTML - HyperText Markup Language

Keywords: Elements Attributes Tags







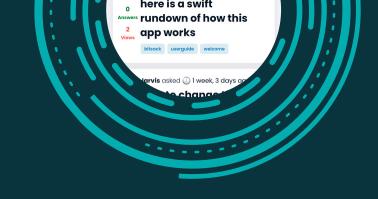


Common CSS Properties

- color
- padding, margin
- text-align
- width, height
- font-family, font-size, font-weight
- background, backgroundcolor, background-image

CSS

```
/* CSS Code */
body {
  font-family: arial;
  text-align: center;
  margin-top: 50px;
  color: blue;
  text-align: center;
h1:hover {
  color: red;
```



CSS Selectors

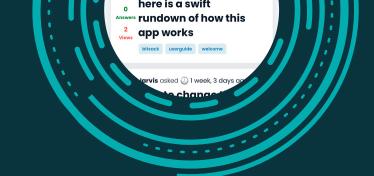
```
a, b Multiple Element Selector
a b Descendant Selector
a > b Child Selector
[a=b] Attribute Selector
a:b Pseudoclass Selector
a::b Psuedoelement Selector
```



CSS - Cascading Style Sheet
Keywords: Selector, class, id, CSS pseudoclass







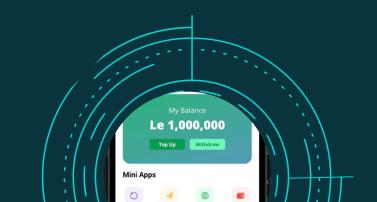
CSS

more CSS examples

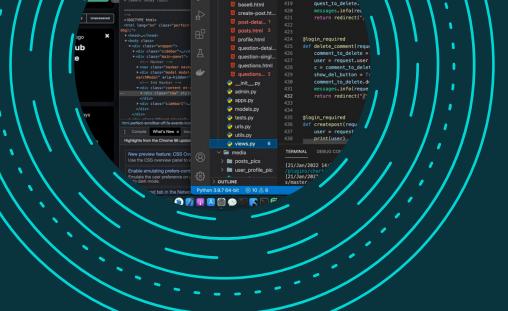
CSS - Cascading Style Sheet

Keywords: Selector, class, id, CSS pseudoclass









Bootstrap Responsive Design

Using CSS Only

- View Port
- Media Queries
- FlexBox
- CSS Grid

```
<!-- Bootstrap embedded in html code -->
<!DOCTYPE html>
<html lang="en-us">
 <head>
    <meta name="viewport"content="width=device-</pre>
     width, initial-scale=1.0">
    <link href="Bootstrap CDN goes here">
    <title> Hello! </title>
 </head>
 <body class="text-center">
    <h1 class="text-primary p-2">
      Hello, World!
    </h1>
 </body>
</html>
```





Build fast, responsive sites with Bootstrap

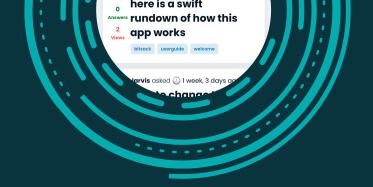
Quickly design and customize responsive mobile-first sites with Bootstrap, the world's most popular front-end open source toolkit, featuring Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful JavaScript plugins.







JavaScript



JS Events

- click
- focus
- scroll
- blur
- resize
- submit
- keyup

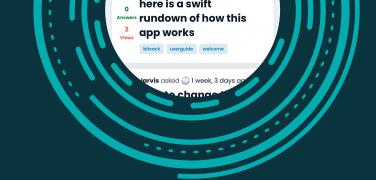
```
<!-- JavaScript embedded in html code -->
<!DOCTYPE html>
<html lang="en-us">
  <head>
    <title>Hello</title>
    <script>
       alert('Hello, World!');
    </script>
  </head>
  <body>
    <h1> Hello, World! </h1>
  </body>
</html>
```

Syntax







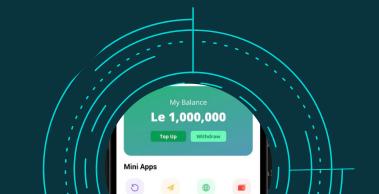


JavaScript

more JavaScript examples

JavaScript - HyperText Markup Language
Keywords: events, variables, functions









Github

https://github.com/







Basic Git Commands

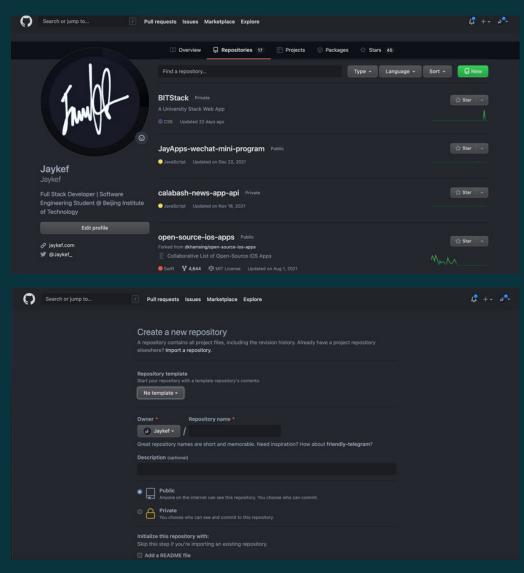
- git clone <repository url>
- git add <new file name>
- git commit-m "some message"
- git commit-am "some message"
- git pull
- git push

Basic terminal/console Commands

- mkdir <name of directory>
- rmdir <name of directory>
- touch <name of file>
- rm <name of file>
- cd <path to directory>
- ls (list items in directory)



Getting Started with Github



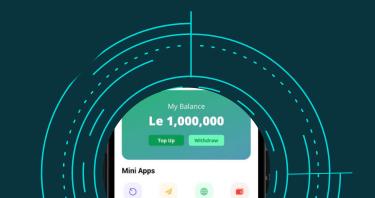






Project A Todo App



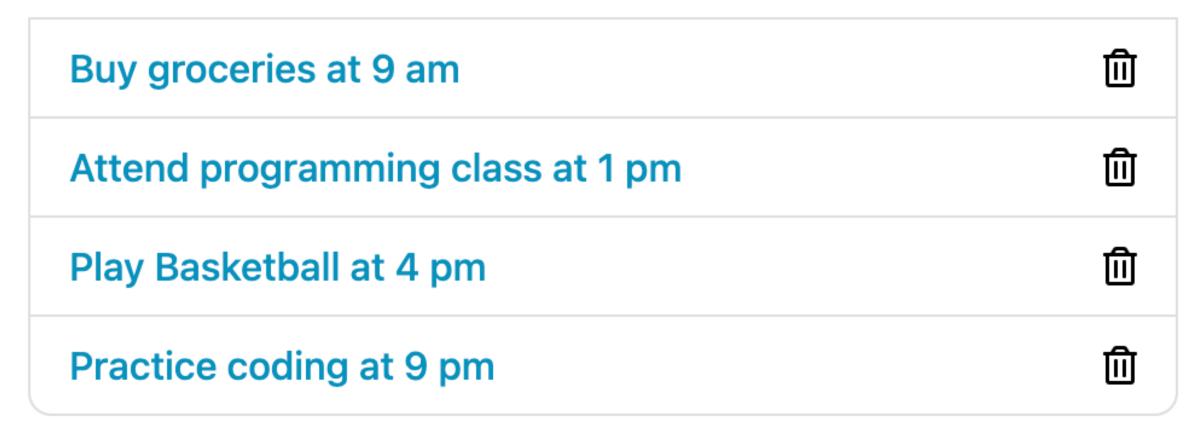




My Todo App

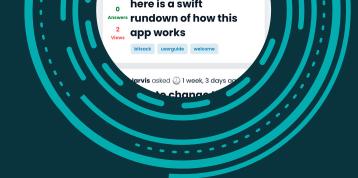
Search Todos

My Todos



Add a Todo...





The End Thankyou.



